M. A. R. 57 (Rule 116) **No. D**

Measurement Book

Serial No. 1st and Part Bill

53919

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency..... Sri. N. Shivananda, Contractor

Date of commencement of work..... D.O. Recordy: 24/02/2018

Date	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work :	Comp. N Road and drain at Jarabanda					
		Kaval Alumina Ward No. 12					
	Estimated Cost Rs	50.00 Lakh					
	WB. No	012-17-000018					
	Work order no	BE/DD/WO/112/17-18-Dr.					21.06.2017

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
1)	Earthwork excavation by manual means in ordinary soil. including an average horizontal throw upto 2m and average lift upto 1.5m, excavated surface levelled and sides neatly dressed. the disposed Earth to be levelled neatly after breaking of clods complete as per specifications and directions of Engineer-In-charge of work.						
	Chg vide this MB. P. 58982						
	Item (1)				212.07	m^3	16965.60
	@ 80/m^3						

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

Serial No. .....

58920

Name of work ..... *From* ..... *To* .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
2)	Providing and laying in position plain cement concrete of mix 1:4:8 with one cement @ 180 kg, 12 mm and down size graded granite stone metal coarse aggregate @ 0.85 m³ and fine aggregate @ 0.47 m³ machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundations, including curing complete as per specifications and drawings						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	of Engineer-in-charge of Work						
			Qty as per this MB				
			As on ② p.no 58985				77,264.00
			= 160.68 m³ @ 480/m³				
37)	Providing and laying in position machine mixed concrete of design mix M.20 with OPC conforming to IS 269:1989 using 20mm and down size graded granite metal Coarse aggregate @ 0.69 m³ and fine aggregate @ 0.460 m³ with super plasticizer @ 3% conforming to IS 9103:1999 as amended						

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

Serial No. 58921

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	2008, making mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundations for footings, pedestals, retaining walls, staircase, retaining walls, rockman wall, (any thickness) including attached pilasters, cotumns, pier, abutments, pillars, posts, struts, buttresses etc complete as per specifications and directions of Engineer-in-charge of work.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	I.B. Load Work						
	a) 1st Road	1	18.00	$\frac{4.70+4.7}{2}$	0.12	= 10.15	
		1	30.00	$\frac{4.7+5.7}{2}$	0.12	= 18.72	
		1	30.00	$\frac{5.7+3.0}{2}$	0.12	= 15.64	
	b) CROSS-Road	1	36.00	1.00	0.12	= 4.38	
	c) 1st CROSS-Road	1	30.00	$\frac{6.0+6.0}{2}$	0.12	= 21.60	
		1	30.00	$\frac{6.0+5.0}{2}$	0.12	= 19.80	
		1	3.80	$\frac{5.0+7.00}{2}$	0.12	= 2.74	
	d) 2nd CROSS-Road	1	30.00	$\frac{6.0+6.0}{2}$	0.12	= 21.60	
		1	25.00	$\frac{5.0+5.0}{2}$	0.12	= 16.50	